

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-122320

(43)Date of publication of application : 30.04.1999

(51)Int.Cl.

H04L 29/06

H04J 3/00

H04J 3/06

H04L 12/66

(21)Application number : 09-279051

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(22)Date of filing : 13.10.1997

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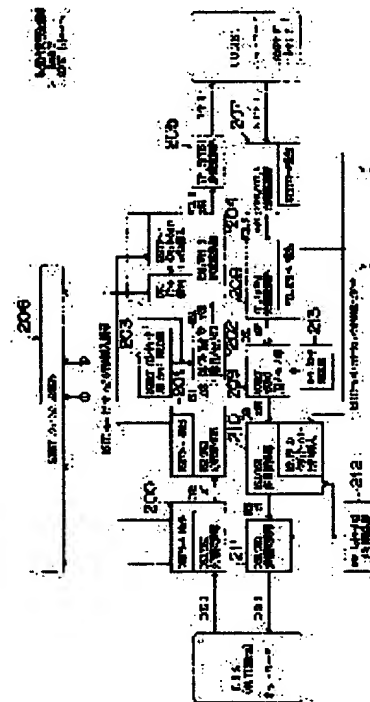
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(54) DEVICE AND METHOD FOR INTERFACE BETWEEN COMMUNICATION NETWORKS

(57)Abstract:

PROBLEM TO BE SOLVED: To enable the service of the network of a DS3 signal for a device for supporting a SONET VT network by providing a method for mapping a signal to the SONET network so that a VT1.5 signal matches an STS1 format.

SOLUTION: A DS3 signal inputted from a DS3 network is terminated by a DS3/DS2 demultiplexing part 200, demultiplexed to the DS2 signal of 7ch and transmitted to a DS2/DS1 demultiplexing part 201. The DS2 signal terminated by the DS2/DS1 demultiplexing part 201 is demultiplexed to the DS1 signal of 4ch and outputted through a memory part for DS1. format transformation to a DS1/VT1.5 multiplexing part 204. At the DS1/VT1.5 multiplexing part 204, the DS1 signal is multiplexed to the VT1.5 signal and outputted to a VT1.5/ STS1 multiplexing part 205. The VT1.5 signal is multiplexed to the STS1 signal there and outputted to the SONET network.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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